Department of Defense

U.S. Army
Corps of Engineers

FEM

Facilities & Equipment Maintenance System

Department of Defense

U.S. Army
Corps of Engineers

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ENTERPRISE

ENTERPRISE is used whenever a naming convention, hierarchy level, or hierarchy system is required to be used by everyone in U.S. Army Corps of Engineers.

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Enterprise consists of several components:

- Naming Conventions
- Equipment
- Operating Locations & Location Systems

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Equipment

'Equipment' is MAXIMO terminology that includes everything that must be maintained such as facilities, large and small 'pieces' of equipment, buildings, grounds, river banks, dikes, revetments, roofs and walls, lock chambers and navigation channels, etc.

If it's a noun . . . it's '*equipment* '

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Equipment Naming Convention

Based on ER 37-2-10

Accounting and Reporting - Civil Works Activities

CH 1-88, 31 January 2000

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Equipment

- Asset *Classes*

- Asset *Groups*
  - Principal Item Groups
    - **Principal Items**, ER 37-2-10, Chapter 31, Appendix A

- In those cases when an Asset *Group* has a *'Sub-Group'*, the *'Sub-Group'* will be treated as an *Asset Group*. This is to avoid adding another hierarchy level.

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Equipment

- **Principal Item *Groups* (user-defined)**
  - Principal Items
    - Principal Item Components (user-defined)

- **Principal Item *Sub-Groups* (user-defined)**
  - Principal Items
    - Principal Item Components (user-defined)

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Equipment

- **Asset Classes**

  - Real property (*REMIS*)

  - Personal property (*APPMS*)

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Equipment

🞂 Real & Personal Property

- **Asset Groups** - CEFMS *'Feature Description'*

CODE	FEATURE DESCRIPTION	ASSET 'SUB-GROUPS'
	Real Property	
01	LANDS AND DAMAGES	
02	RELOCATIONS	
03	RESERVOIRS	

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04	DAMS AND OTHER WATER COLLECTING FACILITIES	Main Dam and Spillway, Outlet Works Exclusive of Power, Power Intake Works, Auxiliary Dams, Municipal and Industrial Water Delivery Facilities
05	LOCKS	
06	FISH AND WILDLIFE FACILITIES	
07	POWER PLANT	
08	ROADS, RAILROADS, AND BRIDGES	
09	CHANNELS AND CANALS	
10	BREAKWATERS AND SEAWALLS	
11	LEVEES AND FLOODWALLS	

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12	NAVIGATION PORTS AND HARBORS	
13	PUMPING PLANTS	
14	RECREATION FACILITIES	
15	FLOODWAY CONTROL AND DIVERSION	
16	BANK STABILIZATION	
17	BEACH REPLENISHMENT	
18	CULTURAL RESOURCES PRESERVATION	
19	BUILDINGS, GROUNDS AND UTILITIES	

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PERSONAL PROPERTY		
CODE	**FEATURE DESCRIPTION**	**ASSET 'SUB-GROUPS'**
20	PERMANENT OPERATING EQUIPMENT	Floating Plant, Automotive Land Plant, Other Mobile Land Plant, Office Furniture and Equipment, Material Handling Equipment, Portable Work Equipment and Tools, Communication Equipment, Audio Visual Equipment

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Enterprise *Operating Locations*

Operating Locations that are used by everyone

- U.S. Army Corps of Engineers - USACE
- Divisions, ERDC
- Regional HQs, Centers, FOAs, labs
- Districts
- Project groups
- Projects, District office elements

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Enterprise Operating Location Systems

- **'*Groups*' of locations**
    - River
    - Navigation
    - Lake / Pool
    - Basin

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Enterprise *Operating Location Systems*

- 'Parallel' to Operating Locations

- System names must be unique

- Example: *'White River'* is not a unique system name

  - Solution: Identify where the headwaters originate.

    → White River (AR)
    - White River (IL)

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Summary

- _ENTERPRISE_

- **Equipment naming convention**

  - Asset Classes: Real & Personal

  - Asset Groups: ER 37-2-10, Chapter 31, Appendix A

    - Principal Item Groups & Sub-Groups = User-defined

      - ✓ Principal Items: **ENTERPRISE**

        - ✓ Principal Item _Components_ = User-defined

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Summary

ENTERPRISE Operating Locations

- USACE,
- Division / ERDC
- Regional HQs, Centers, FOAs, Labs
- Districts
- Project groups
- Projects & District Office elements

ENTERPRISE Operating Location Systems

- River
- Navigation
- Lake/Pool
- Basin

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